

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed, P. & A, or
operations suspended



Pin changed on location map



Affidavit and Record of A & P



Water Shut-Off Test



Gas-Oil Ratio Test



Well Log Filed



FILE: NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

OVV _____ WW _____ TA _____

SW _____ OS _____ PA X

Location Inspected

Band released

State of Fee Land

Driller's Log

LOGS FILED

Electric Logs (No)

E _____

1st _____

M-L

Sonic

GR-NI

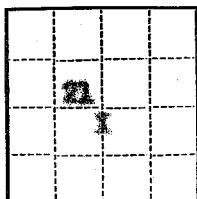
Others

Micro

(4)

Sub Rep of Sub

56-91
for



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Approval expires 12-31-50

Salt Lake City, Utah

Land Office

Lease No.

Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 22, 1950

Well No. 33-21 is located 1900 ft. from N line and 3300 ft. from E line of sec. 21
SE 21 40S 23E SLBM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Recapture San Juan Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4470 ft. (Approx. ground)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Proposed Work

1. Drill 12-1/4" hole to 1270' ±.
2. Cement 8-5/8" 21# J-55 casing at 1270' with 700 sacks cement.
3. Drill 7-7/8" hole to 5480' ±. (Objective Paradox)
4. Run and cement 5-1/2", 16#, J-55 casing at 5475' with 250 sacks cement.
5. Perforate four 1/2" holes/ft. approx. interval 5270-5300.
6. Wash perforations with 500 gal. sand acid. Inject 2000 gal. regular acid and 3000 gal retarded acid.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

7. Place well on production establish initial rate.

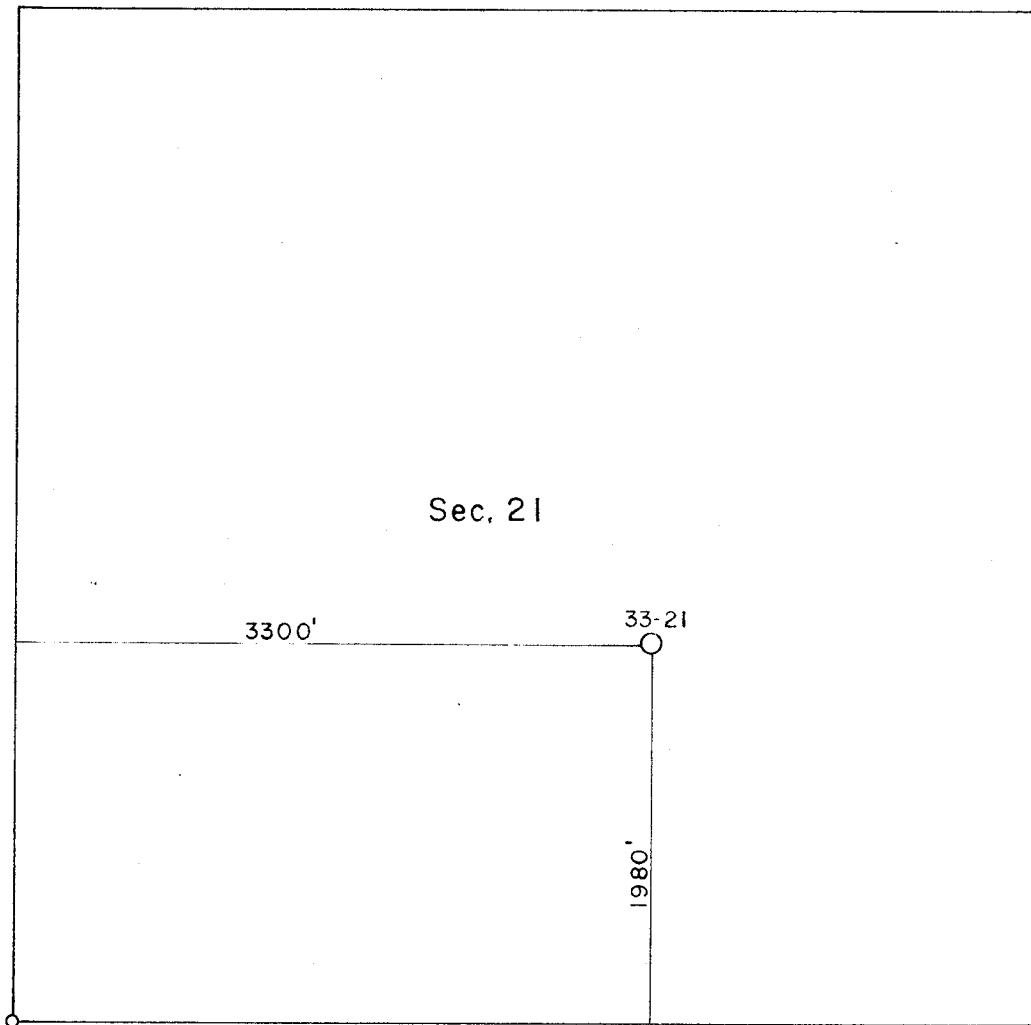
Company Shell Oil Company
 Address 705 West Municipal Drive
Farmington, New Mexico

Original signed by
 E. W. SHEPARD
 By W. Shepard
 Title Exploitation Engineer

R 23 E

T
40
S

Sec. 21



This is to certify that the above plat was plotted from field notes of a survey made under my supervision, and that the same is true and correct to the best of my knowledge and belief.

George L. Baker
Registered Land Surveyor
Certificate No. 2158

DRAWN BY

CHECKED BY

DATE Sept. 22, 1958

SHELL OIL COMPANY

SCALE 1" = 1,000'

Z- 20-1016

SURVEYED LOCATION FOR RECAPTURE CREEK UNIT 33-21
SEC. 21, T40S, R23E, S.L.M., SAN JUAN COUNTY, UTAH

September 24, 1958

Shell Oil Company
705 Municipal Drive
Farmington, New Mexico

Attention: B. W. Shepard, Exploitation Engineer

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Recapture Creek Unit 33-21, which is to be located 1980 feet from the south line and 3300 feet from the west line of Section 21, Township 40 South, Range 23 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded within said period.

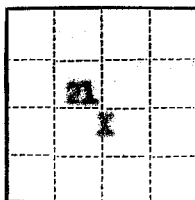
Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:co

cc: Phil McGrath
USGS, Farmington,
New Mexico



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. U. O. 1370
Unit Recapture Creek

21-H
10-31

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 33-21 is located 1980 ft. from S line and 3300 ft. from W line of sec. 21
NW SW 21 40S 23E SLRM
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Recapture San Juan Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the Kelly Dushing ~~domish-flow~~ above sea level is 4540.5 ft.

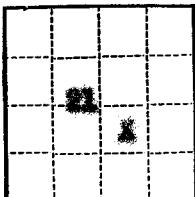
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 10-8-58 Spudded
- 10-8-58 Cemented 13-3/8" conductor pipe at 88' with 75 sacks cement treated with 2% calcium chloride.
- 10-11-58 Ran and cemented (1025') 8-5/8", J-55 casing at 1036' with 250 sacks 1:1 Pommix followed by 200 sacks cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company
 Address 705 West Municipal Drive
Farmington, New Mexico
 Original signed by B. W. SHEPARD
 By B. W. Shepard
 Title Exploitation Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah

Lease No. W 1890

Unit Recapture Creek

71-H
12-1-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 31, 1958

Recapture Creek
Well No. 33-21 is located 1980 ft. from IN line and 3300 ft. from W line of sec. 21
21 (1/4 Sec. and Sec. No.) 40E 23E 31M
(Twp.) (Range) (Meridian)
Recapture Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ above sea level is 4540.5 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

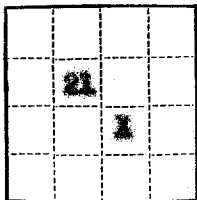
DET #1 5290-5383', no water cushion, 30 minutes Initial Shut in, 1-1/2 hour open, 1-1/4 Final Shut in, faint blow, decreasing to dead in 15 minutes. Recovered 60' (0.6 bbls.) mud. LSP 200, LFP 55, FVP 55, FRIP 145, HP 2710, tag 44p.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company
Address 705 West Municipal Drive
Farmington, New Mexico

Original signed by
B. W. SHEPARD
By B. W. Shepard
Title Exploitation Engineer

W



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. UO 1890
Unit Recapture Creek

71-H
12-1-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 3, 1958

Recapture Creek
Well No. 33-21 is located 1980 ft. from N line and 3300 ft. from E line of sec. 21
NW SW 21 40S 23E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Recapture San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4540.5 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Status: Total Depth: 5506'
Casing: 8-5/8" at 1036'
Hole Size: 7-7/8" from 1036-5506'

2. Feel for top plug, recement if not above 1000'.

Proposed Work:

1. Place plugs as follows:

- a. TD - 5300 - 55 sacks
- b. 4475- 4375 - 30 sacks
- c. 2350- 2250 - 30 sacks
- d. 1500- 1400 - 30 sacks
- e. 1050- 1036 - 60 sacks

3. Place 10 sacks cement, 1m tall marker and abandon.

NOTE: Above program approved verbally by Mr. Shoger of U.S.G.S. to Dawsongrove November 4, 1958.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company
Address 705 West Municipal Drive
Farmington, New Mexico

Original signed by
B. W. SHEPARD

By B. W. Shepard
Title Exploitation Engineer

DRILLING REPORT

FOR PERIOD ENDING

11-5-58

Recapture Creek

(FIELD)
San Juan, Utah

(COUNTY)

21

(SECTION OR LEASE)

T40S R23E

(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
			Location: 1980' N and 3300' E of SW corner Sec. 21 T40S, R23E, SLBM, San Juan County, Utah.
			Elevations: DF 4539.3 GR 4530.1 KB 4540.5
10-8 to 10-11	0	1039	Spudded 12:00 noon 10-8-58. Ran and cemented 13 3/8" conductor pipe at 88' with 75 sacks regular cement treated with 2% calcium chloride. Good returns to surface. Drilled to 1039'. Ran and cemented (1026') 8 5/8", 28#, J-55 casing at 1036' with 250 sacks 1:1 Pozmix followed by 200 sacks cement treated with 2% calcium chloride. Flanged up and waited on cement. Pressure tested casing and BOP with 750 psi, OK. Located top of cement in pipe at 889'.
10-12 to 10-18	1039	3667	<u>Drilled 2628.</u>
10-19 to 10-20	3667	3945	<u>Drilled 278'.</u> Twisted off at 3802' leaving 20 drill collars in hole, recovered with overshot.
10-21 to 11-1	3945	5383	<u>Drilled 1438'.</u> Lost 3 cones off bit at 4478, recovered with magnet.
11-2	5383	5475	<u>Drilled 92'.</u> DST #1 5290-5383 Bluff Zone, Halliburton Testers, 2 packers (6 3/4") at 5285 and 5290 - Pressure recorders at 5263 - Amerada-inside, 5310' - Amerada out, and 5383 - H PRD inside, 3/4" subsurface bean, 1" surface bean, tailpiece 93'. Used 30' air cushion. Initial shut in 30 minutes, open 1 1/2 hours, Final shut in 1 1/4 hours. Faint blow immediately, decreasing to dead in 15 minutes -- dead remainder of test; recovered 60' (0.6 bbls) mud. ISIP 200, IFP 55, FFP 55, FSIP 145, HP 2710.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

B. W. SHEPARD

PWS
SIGNED

SHELL OIL COMPANY

DRILLING REPORT

FOR PERIOD ENDING

11-5-58

Recapture Creek

(FIELD)

San Juan, Utah

(COUNTY)

21

(SECTION OR LEASE)

T40S R23E

(TOWNSHIP OR RANGHO)

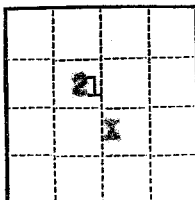
DAY	DEPTHS		REMARKS
	FROM	TO	
11-3	5475	5506	<u>Drilled 31'</u> . Ran Electrical Survey, Gamma Ray-Neutron log and microlog.
11-4			Plugged as follows - with open drill pipe 55 sacks cement - 5506 30 " " - 4475 30 " " - 2350 30 " " - 1500 60 " " - 1070
11-5			Ran in and located top of top plug at 925'. Installed marker with 10 sack cement cap. Released rig 3:00 A.M. 11-5-58 and abandoned. Checked BOP daily. Mud Summary Wt. 9.6 - 9.9#/gal. Vis. 36-40 sec. WL 3.8-26 cc FC 2-3/32" Contractor: Moran Bros., Inc. Drillers: M. C. Bandy C. H. Cavel R. Bernard Co. Pusher: C. L. Christiansen

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12 1/4"	0	1039	8 5/8"	1036'
7 7/8"	1039	5506	---	
DRILL PIPE SIZE 4 1/2"				

B. W. SHEPARD

BWS
SIGNED



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R368.4
Approval expires 12-31-60.

Salt Lake City,
Land Office Utah
Lease No. UO 1890
Unit Recapture Creek

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Recapture Creek November 26, 1958

Well No. 13-21 is located 1980 ft. from N line and 3300 ft. from E line of sec. 21

SW 21 LOS 23E SLM

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Recapture San Juan Utah

(Field) (County or Subdivision) (State or Territory)

Kelly Pushing
The elevation of the derrick floor above sea level is 4540.5 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Abandonment Work:

1. Placed plugs through open end drill pipe as follows:

- (A) 5506-5300 - 55 sacks
- (b) 4475-4375 - 30 "
- (c) 2350-2250 - 30 "
- (d) 1500-1400 - 30 "
- (e) 1050-1035⁹²⁵ - 60 "

2. Located top plug at 925'.

3. Placed 10 sacks cement surface plug; install marker and abandoned 11-5-58.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address 705 Municipal Drive
Farmington, New Mexico

Original signed by
B. W. SHEPARD

By B. W. Shepard
Exploitation Engineer
Title

A coordinate grid with x and y axes ranging from 0 to 10. Point A is located at coordinates (6, 8) and is labeled 'X'. Point B is located at coordinates (4, 9) and is labeled '21'.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Salt Lake City,
SERIAL NUMBER 40 1890 Utah
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 705 Municipal Drive, Farmington, N.M.
Lessor or Tract Federal - Recapture Creek Field Recapture State New Mexico
Well No. 33-21 Sec. 21 T40 S R23 E Meridian SEBM County San Juan
Location 1980 ft. N. of S. Line and 3300 ft. E. of W. Line of Sec. 21 Elevation 4541 KB.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____ Original signed by
B. W. SHEPARD

Date November 26, 1958

Title Exploitation Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling October 3, 1958 Finished drilling November 3, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G.)

No. 1, from <u>None</u> to _____ No. 2, from _____ to _____ No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
--	--

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	28	3	Nat'l	1026	Baker	-----	---	---	Surface
of shoe or plugs were put in to test for water, state kind of material used, position and length of blinding or packing used, record of job in the well, state its size and location. If the well has been abandoned, state date, size, position and number with the reasons for the work and its results. If there were any changes made in the casing, state date and if any casing was									
It is of the greatest importance to make a complete history of the well. Please state in detail the dates of recording, together									
HISTORY OF OIL OR GAS WELL									
							D-13004-S	N 3' COLEBURN	BLINDING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	1036	250 Pozmix + 200	Displacement	11.2	11.2

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

ALCOHOLIC RECORD

FOLD | MARK

